

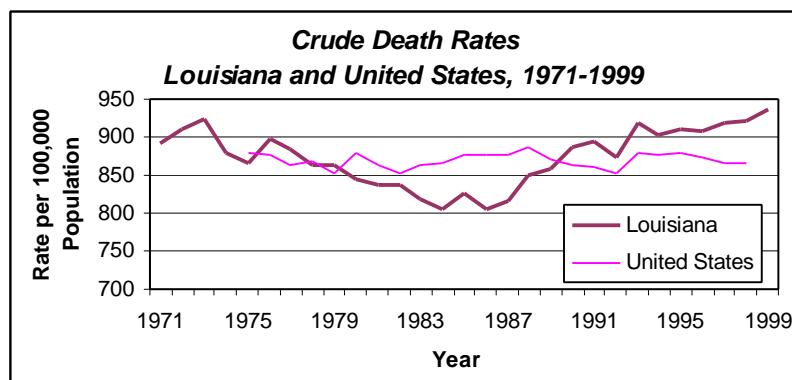


C. DEATHS

Death Counts and Crude Mortality Rates

There were 40,976 deaths among Louisiana residents in 1999, representing a slight increase from 40,209 deaths in 1998. Of total deaths, there were virtually equal numbers of males (50.00%) and females (49.99%). In terms of race, 1999 deaths included 28,168 white, 12,637 black, and 171 other race deaths. Of total resident deaths, 19.0%, 46.8%, and 23.2% occurred among those aged 45-64 years, 65-84 years, and 85 years and older, respectively.

Crude death rates are useful for examining the overall mortality in an area or population group, since they utilize total population and do not account for any population attributes. In Louisiana, the crude death rate increased from 920.3 per 100,000 population in 1998 to 937.2 in 1999. In comparison, the United States rate was 864.7 in both 1997 and 1998 (the most current year for which U.S. data are available). In Louisiana, the crude death rate has been steadily increasing since the mid-1980s. In 1990 the crude death rate in Louisiana leapt beyond the United States rate and has maintained a widening margin ever since.



Sources: Louisiana State Center for Health Statistics (final 1999 data)
National Center for Health Statistics (final 1998 data)

Crude (or unadjusted) death rates give us an estimate of the overall mortality for a population, because they measure deaths in the population as a whole. Crude rates, however, ignore idiosyncrasies in the composition of a population, such as the unusually large number of elderly people who live in parts of Florida. Population idiosyncrasies like this can cause an increase in the crude death rate because of the large number of people in the population who are at high risk of dying because of advancing age.

Adjusted rates (also called standardized rates) are derived from statistical procedures that adjust for differences in population composition, such as age, race, or sex, which can increase or decrease the likelihood of death in one or more of the populations being considered. Age is the most common factor for which adjustment is done, since it is the most significant characteristic related to death and disease.

Because age-adjusted death rates control for the variations in age structures of populations, they make comparisons between mortality rates meaningful. However, the age-adjusted mortality measure is not a true estimation of the death rate, as the crude mortality measure is, and it should not be used in comparisons with crude mortality rates. Differences seen in age-adjusted rates in two different populations may reflect an actual difference in death rates in the



two populations, or may be due to other factors, such as race or sex, which were not taken into account when the adjustments for age were made.

In the table below, crude and age-adjusted mortality rates (adjusted to 1940 United States standard population) are furnished to provide an idea of Louisiana's standing among the neighboring states. (Note: Although Louisiana's final 1999 rates are available and are reported in this document, National Center for Health Statistics final 1998 data for all states have been used in this table to permit comparison with surrounding states.) While all neighboring states' rates are above the national figure, Louisiana's age-adjusted mortality rate lies within the range of the neighboring states' rates.

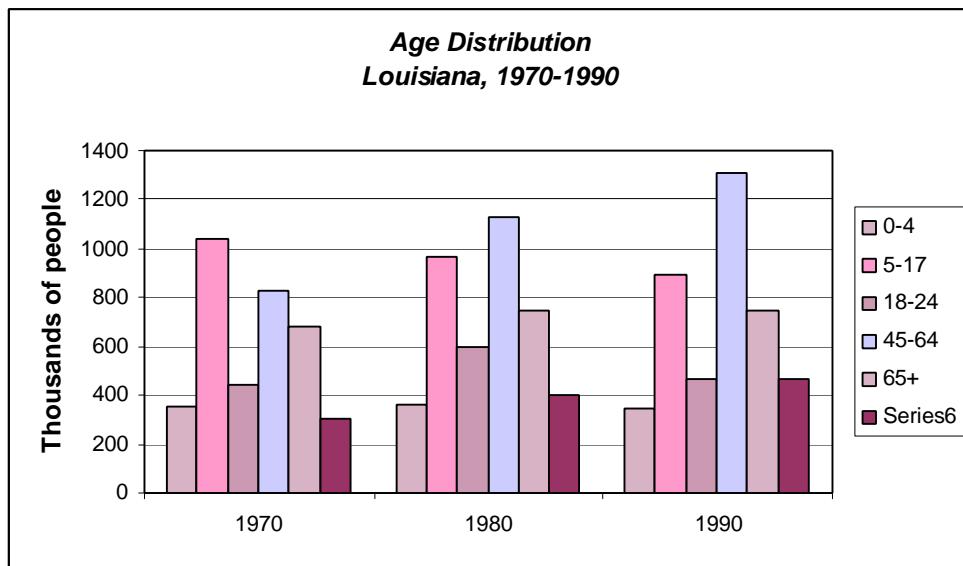
Mortality Rates Louisiana, Neighboring States, and United States, 1998		
State	Crude Rate*	Age-Adjusted Rate**
Alabama	1,009.4	565.9
Arkansas	1,083.8	551.0
Louisiana	1,013.8	529.5
Mississippi	1,011.8	606.6
Texas	721.7	475.3
United States	864.7	471.7

*Rate per 100,000 1998 population

**Rate per 100,000 1940 U.S. standard population

Source: National Center for Health Statistics (final 1998 data)

Some of the difference between Louisiana's crude death rate and the United States rate was affected by the age distribution of the population. The graph below demonstrates how age distributions of populations change over time and highlights the importance of using age-adjusted rates to make comparisons among populations.



Source: Louisiana State Center for Health Statistics



The increase in the crude death rate seen in Louisiana since the mid-1980's is attributable at least in part to the age distribution of the population given in the previous figure. The large 5-24 year old population in 1970 has become older over time and constituted a large 25-44 year old population in 1990. Simply stated, the population of Louisiana in 1990 was older than the state population was in 1970.

As expected, the greatest proportion of deaths occurred in those of the 65-84 and the 85 and older age groups. Death counts for males exceeded those for females in the younger and middle age groups, and were, therefore, well below female counts in the oldest age group.

Number of Deaths by Age Group and Sex Louisiana, 1999										
Sex	Age Group									Total
	Under 5	5-14	15-24	25-44	45-64	65-84	85+	Unknown		
Male	400	115	555	1,883	4,701	9,754	3,077		7	20,492
Female	339	68	192	952	3,080	9,429	6,421		3	20,484
Total	739	183	747	2,835	7,781	19,183	9,498		10	40,976

Source: Louisiana State Center for Health Statistics (final 1999 data)

Number and Rate of Deaths by Race, Sex, Age Group, and Parish Louisiana, 1999																	
Parish	Total	Rate*	Race Sex	Age in Years												UNK.	
				LT	1-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-		
Louisiana	40976	9.4	ALL	618	121	68	115	336	411	944	1891	3140	4641	8220	10963	9498	10
	13918		WM	129	29	20	42	137	151	344	644	1091	1726	3257	4023	2320	5
	14250		WF	98	22	12	18	57	41	137	355	647	1146	2516	4233	4967	1
	6484		BM	198	42	21	32	107	156	293	583	835	1018	1259	1186	752	2
	6153		BF	187	28	15	21	31	60	158	296	547	718	1157	1498	1435	2
	90		OM	2	-	-	-	2	2	9	10	9	22	19	10	5	-
	81		OF	4	-	-	2	2	1	3	3	11	11	12	13	19	-
Acadia	564	9.8	ALL	8	1	1	1	4	3	6	30	40	61	125	151	133	-
	228		WM	3	1	-	-	3	2	4	15	13	30	58	59	40	-
	230		WF	1	-	1	1	-	1	1	8	18	18	43	60	78	-
	54		BM	-	-	-	-	1	-	1	3	4	10	13	17	5	-
	51		BF	4	-	-	-	-	-	-	4	5	3	11	14	10	-
	1		OM	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Allen	220	9.0	ALL	3	-	2	1	2	2	2	9	7	24	41	67	60	-
	83		WM	1	-	-	-	2	1	-	5	5	12	19	26	12	-
	89		WF	2	-	2	-	-	-	1	2	-	5	13	29	35	-
	31		BM	-	-	-	1	-	1	1	2	2	2	8	6	8	-
	16		BF	-	-	-	-	-	-	-	-	-	5	1	6	4	-
	1		OM	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ascension	495	6.7	ALL	7	4	-	2	8	10	14	30	47	53	90	140	90	-
	201		WM	3	1	-	-	5	5	6	12	18	22	41	63	25	-
	177		WF	1	1	-	-	2	2	1	7	16	18	34	51	44	-
	56		BM	2	2	-	1	1	2	5	8	4	6	9	6	10	-
	59		BF	1	-	-	1	-	1	2	2	9	6	6	20	11	-
	2		OM	-	-	-	-	-	-	1	-	1	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Assumption	212	9.3	ALL	4	2	-	1	-	4	2	5	20	22	46	56	50	-
	70		WM	1	-	-	-	-	4	2	1	8	9	20	19	6	-
	70		WF	1	-	-	1	-	-	2	2	2	2	15	14	33	-
	35		BM	2	2	-	-	-	-	2	5	6	5	9	4	-	-
	37		BF	-	-	-	-	-	-	5	5	6	6	14	7	-	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Number and Rate of Deaths by Race, Sex, Age Group, and Parish Louisiana, 1999																		
Parish	Total	Rate*	Race Sex	Age in Years														
				LT	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK.	
Avoyelles	512	12.5	ALL	5	2	2	2	4	5	10	15	30	55	81	170	131	-	
	190		WM	-	2	2	1	3	2	8	4	11	24	40	68	25	-	
	192		WF	-	-	-	-	1	-	2	4	10	16	19	70	70	-	
	64		BM	2	-	-	1	-	1	-	7	3	9	10	18	13	-	
	65		BF	3	-	-	-	-	2	-	-	5	6	12	14	23	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1		OF	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
Beauregard	308	9.7	ALL	2	1	-	-	1	1	11	12	26	47	71	71	65	-	
	146		WM	1	-	-	-	1	1	4	5	11	26	35	38	24	-	
	120		WF	1	-	-	-	-	-	6	6	9	15	21	29	33	-	
	24		BM	-	-	-	-	-	-	1	1	3	3	9	2	5	-	
	18		BF	-	1	-	-	-	-	-	-	3	3	6	2	3	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bienville	215	13.8	ALL	-	-	-	-	1	1	1	3	9	22	45	62	71	-	
	68		WM	-	-	-	-	-	-	1	2	1	4	18	20	22	-	
	65		WF	-	-	-	-	1	-	-	-	3	7	8	18	28	-	
	47		BM	-	-	-	-	-	1	-	-	3	7	13	12	11	-	
	35		BF	-	-	-	-	-	-	-	1	2	4	6	12	10	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	9-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bossier	777	8.2	ALL	9	3	2	2	4	5	15	37	61	90	191	195	162	1	
	316		WM	5	-	2	1	-	4	8	10	25	46	87	93	35	-	
	307		WF	-	3	-	1	-	-	5	16	19	26	66	73	97	1	
	80		BM	3	-	-	-	3	-	1	10	10	11	16	16	10	-	
	71		BF	1	-	-	-	1	1	1	1	7	6	20	13	20	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	3		OF	-	-	-	-	-	-	-	-	1	2	-	-	-	-	
Caddo	2530	10.5	ALL	52	8	3	5	20	26	60	84	206	247	484	677	658	-	
	726		WM	4	2	1	2	8	7	18	23	51	72	159	229	150	-	
	830		WF	8	1	-	-	4	4	6	12	35	53	150	235	322	-	
	472		BM	17	5	-	2	7	11	24	31	70	72	90	82	61	-	
	501		BF	23	-	2	1	1	4	12	18	49	50	85	131	125	-	
	1		OM	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Calcasieu	1679	9.3	ALL	26	3	3	4	16	6	37	72	114	202	374	449	373	-	
	651		WM	6	-	1	2	8	3	19	28	42	86	163	180	113	-	
	615		WF	6	1	-	-	5	2	5	17	28	57	118	180	196	-	
	212		BM	8	2	1	1	1	1	10	17	27	33	47	39	25	-	
	199		BF	6	-	1	1	2	-	3	10	17	26	45	49	39	-	
	2		OM	-	-	-	-	-	-	-	-	-	1	1	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Caldwell	112	10.6	ALL	-	1	-	1	2	2	2	1	7	15	27	23	31	-	
	61		WM	-	1	-	-	2	2	2	1	4	8	16	13	12	-	
	37		WF	-	-	-	1	-	-	-	1	4	7	7	17	-	-	
	9		BM	-	-	-	-	-	-	-	1	3	2	1	2	-	-	
	5		BF	-	-	-	-	-	-	-	1	-	2	-	-	-	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cameron	82	9.1	ALL	3	-	-	1	1	-	-	1	5	5	29	22	15	-	
	43		WM	3	-	-	1	1	-	-	1	3	1	19	9	5	-	
	33		WF	-	-	-	-	-	-	-	2	2	9	11	9	-	-	
	2		BM	-	-	-	-	-	-	-	-	-	1	1	1	1	-	
	4		BF	-	-	-	-	-	-	-	-	2	-	1	-	-	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	



Number and Rate of Deaths by Race, Sex, Age Group, and Parish Louisiana, 1999																		
Parish	Total	Rate*	Race Sex	Age in Years														
				LT	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK.	
Catahoula	119	11.1	ALL	-	-	-	1	-	-	-	7	8	16	19	24	44	-	
	44		WM	-	-	-	1	-	-	-	2	3	7	8	7	16	-	
	45		WF	-	-	-	-	-	-	-	3	4	6	8	8	16	-	
	17		BM	-	-	-	-	-	-	-	2	1	3	2	3	6	-	
	13		BF	-	-	-	-	-	-	-	-	-	-	1	6	6	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Claiborne	189	11.0	ALL	-	1	-	-	3	3	3	5	18	16	32	45	63	-	
	61		WM	-	1	-	-	2	-	2	2	7	3	12	21	11	-	
	51		WF	-	-	-	-	1	1	-	1	1	4	6	14	23	-	
	41		BM	-	-	-	-	-	2	1	2	6	6	8	5	11	-	
	36		BF	-	-	-	-	-	-	-	4	3	6	5	5	18	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Concordia	220	10.6	ALL	3	1	-	-	-	2	5	13	15	33	49	61	37	1	
	86		WM	2	-	-	-	-	1	2	6	6	16	24	23	5	1	
	55		WF	-	-	-	-	-	-	1	2	3	4	10	17	18	-	
	38		BM	-	-	-	-	-	-	2	2	5	6	9	8	6	-	
	41		BF	1	1	-	-	-	1	-	3	1	7	6	13	8	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DeSoto	298	11.7	ALL	6	2	-	-	1	1	8	9	17	43	62	78	71	-	
	87		WM	-	1	-	-	-	-	1	4	6	11	19	26	19	-	
	88		WF	1	1	-	-	-	-	1	1	4	8	20	24	28	-	
	63		BM	1	-	-	-	1	1	2	2	6	13	13	13	11	-	
	58		BF	4	-	-	-	-	-	4	2	1	9	10	15	13	-	
	2		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	2	-	-	-	-	-	
E. Baton Rouge	3229	8.1	ALL	60	14	8	8	34	35	104	170	286	348	595	860	706	1	
	921		WM	4	1	3	2	12	5	29	30	71	108	188	292	175	1	
	1007		WF	7	3	-	1	5	3	11	28	35	62	163	328	361	-	
	682		BM	21	3	3	2	15	21	36	79	112	98	123	102	67	-	
	604		BF	28	7	2	2	1	6	27	33	65	75	119	136	103	-	
	9		OM	-	-	-	-	1	-	-	-	1	5	2	-	-	-	
	6		OF	-	-	-	1	-	-	1	-	2	-	-	2	-	-	
East Carroll	103	11.7	ALL	2	-	-	-	1	4	2	7	6	8	19	27	27	-	
	21		WM	-	-	-	-	-	1	-	1	1	1	9	6	2	-	
	20		WF	-	-	-	-	1	-	-	3	-	-	-	9	7	-	
	24		BM	1	-	-	-	-	1	2	1	3	2	3	5	6	-	
	38		BF	1	-	-	-	-	2	-	2	2	5	7	7	12	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E. Feliciana	221	10.8	ALL	3	-	-	-	2	3	3	11	20	29	50	55	45	-	
	70		WM	2	-	-	-	-	2	3	8	10	21	20	4	-	-	
	56		WF	1	-	-	-	-	-	-	1	7	14	14	19	-	-	
	51		BM	-	-	-	-	2	2	1	4	8	9	9	11	5	-	
	43		BF	-	-	-	-	-	1	-	4	3	3	5	10	17	-	
	1		OM	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Evangeline	381	11.2	ALL	4	1	1	-	2	2	7	18	19	38	80	122	87	-	
	140		WM	1	1	1	-	-	1	3	10	9	16	29	49	20	-	
	172		WF	-	-	-	-	-	-	2	3	4	12	38	55	58	-	
	35		BM	1	-	-	-	1	1	-	2	3	6	6	11	4	-	
	33		BF	2	-	-	-	1	-	-	3	3	4	6	7	5	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1		OF	-	-	-	-	-	-	-	-	-	1	-	-	-	-	

Number and Rate of Deaths by Race, Sex, Age Group, and Parish Louisiana, 1999																		
Parish	Total	Rate*	Race Sex	Age in Years														
				LT	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK.	
Franklin	282	12.9	ALL	9	-	-	2	1	2	8	13	13	30	50	89	65	-	
	86		WM	3	-	-	2	1	-	2	2	2	16	21	25	12	-	
	112		WF	3	-	-	-	-	-	1	2	3	9	16	41	37	-	
	40		BM	2	-	-	-	-	1	3	6	4	3	6	10	5	-	
	44		BF	1	-	-	-	-	1	2	3	4	2	7	13	11	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Grant	201	10.6	ALL	2	-	-	2	1	-	4	7	14	26	47	53	45	-	
	77		WM	-	-	-	1	-	-	3	4	8	7	17	23	14	-	
	80		WF	2	-	-	1	-	-	1	1	3	10	18	21	23	-	
	13		BM	-	-	-	-	-	-	-	1	1	3	5	2	1	-	
	30		BF	-	-	-	-	1	-	-	1	2	5	7	7	7	-	
	1		OM	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iberia	662	9.1	ALL	13	5	1	1	5	5	10	25	39	73	140	173	172	-	
	224		WM	4	1	1	-	3	-	3	10	13	27	57	52	53	-	
	246		WF	3	3	-	-	-	1	1	-	7	21	47	72	91	-	
	93		BM	3	1	-	-	2	1	4	12	11	16	16	18	9	-	
	98		BF	3	-	-	1	-	3	2	3	7	9	20	31	19	-	
	1		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
Iberia	298	9.5	ALL	2	1	1	-	-	1	6	15	22	38	66	86	60	-	
	95		WM	1	-	-	-	-	-	1	5	6	14	25	33	10	-	
	88		WF	-	-	-	-	-	-	2	2	6	18	28	32	-	-	
	56		BM	-	1	1	-	-	1	2	6	8	9	13	12	3	-	
	59		BF	1	-	-	-	-	-	3	2	6	9	10	13	15	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Jackson	198	12.8	ALL	-	-	1	1	2	-	2	6	9	21	33	53	70	-	
	72		WM	-	-	-	-	1	-	2	-	3	7	15	20	24	-	
	71		WF	-	-	1	-	-	-	-	1	1	7	8	22	31	-	
	37		BM	-	-	-	1	-	-	-	3	5	5	9	3	11	-	
	18		BF	-	-	-	-	1	-	-	2	-	2	1	8	4	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Jefferson	4036	8.9	ALL	45	7	3	6	28	31	76	198	322	435	867	1137	881	-	
	1676		WM	10	2	1	3	12	13	39	86	150	212	413	491	244	-	
	1678		WF	6	1	1	1	2	1	10	45	83	120	325	531	552	-	
	342		BM	12	3	1	1	11	10	17	37	53	59	70	47	21	-	
	303		BF	17	1	-	1	3	6	4	25	28	40	55	65	58	-	
	20		OM	-	-	-	-	-	-	5	4	4	3	4	-	-	-	
	17		OF	-	-	-	-	-	1	1	4	1	-	3	6	-	-	
Jefferson Davis	352	11.2	ALL	2	2	1	-	3	2	7	15	21	31	79	87	102	-	
	131		WM	-	1	1	-	2	-	3	7	11	9	33	34	30	-	
	159		WF	1	-	-	-	1	1	3	3	1	13	33	44	59	-	
	34		BM	1	1	-	-	-	1	-	4	4	5	8	3	7	-	
	28		BF	-	-	-	-	-	-	1	1	5	4	5	6	6	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lafayette	1426	7.6	ALL	27	3	3	6	12	23	29	83	119	136	309	352	324	-	
	512		WM	9	-	2	1	5	8	15	35	46	59	126	133	73	-	
	575		WF	8	1	-	3	3	2	3	21	32	33	99	161	209	-	
	176		BM	4	1	1	1	1	12	8	20	21	23	46	29	9	-	
	159		BF	6	1	-	1	3	1	3	7	20	19	37	28	33	-	
	3		OM	-	-	-	-	-	-	-	-	-	2	1	-	-	-	
	1		OF	-	-	-	-	-	-	-	-	-	-	1	-	-	-	



Number and Rate of Deaths by Race, Sex, Age Group, and Parish Louisiana, 1999																	
Parish	Total	Rate*	Race Sex	Age in Years													
				LT	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+ UNK.	
Lafourche	689	7.8	ALL	20	1	1	2	10	9	10	36	51	71	141	177	160	
	312		WM	7	1	-	-	7	5	4	20	27	29	71	89	52	
	278		WF	5	-	-	2	2	1	3	6	16	24	54	70	95	
	50		BM	1	-	1	-	-	2	3	6	4	11	10	6	6	
	42		BF	6	-	-	-	-	1	-	4	3	7	5	10	6	
	3		OM	1	-	-	-	-	-	-	-	-	-	1	1	-	
	4		OF	-	-	-	-	1	-	-	-	1	-	-	1	1	
LaSalle	156	11.1	ALL	-	-	-	-	2	-	1	4	10	17	30	45	47	
	60		WM	-	-	-	-	-	-	-	1	4	9	19	18	9	
	79		WF	-	-	-	-	2	-	-	3	2	8	10	23	31	
	9		BM	-	-	-	-	-	-	-	-	3	-	-	2	4	
	8		BF	-	-	-	-	-	-	1	-	1	-	1	2	3	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lincoln	336	8.1	ALL	3	3	-	-	1	3	4	10	20	31	66	95	100	
	98		WM	1	2	-	-	-	2	1	2	4	9	24	30	23	
	111		WF	-	-	-	-	-	1	1	-	3	4	21	37	44	
	67		BM	1	-	-	-	1	-	1	7	8	9	12	9	19	
	60		BF	1	1	-	-	-	-	1	1	5	9	9	19	14	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	
Livingston	646	7.2	ALL	8	2	-	-	10	9	25	36	62	83	150	163	97	
	332		WM	3	1	-	-	7	5	15	18	34	54	74	80	40	
	270		WF	2	-	-	-	3	1	8	12	24	23	69	74	54	
	20		BM	1	-	-	-	-	1	1	4	3	3	3	3	1	
	24		BF	2	1	-	-	-	2	1	2	1	3	4	6	2	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	
Madison	160	12.4	ALL	1	-	-	-	3	-	1	7	19	19	25	46	39	
	31		WM	-	-	-	-	-	-	1	3	5	7	11	4	-	
	44		WF	-	-	-	-	1	-	-	1	3	4	4	16	15	
	39		BM	-	-	-	-	1	-	-	5	6	8	7	8	4	
	46		BF	1	-	-	-	1	-	1	-	7	2	7	11	16	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	
Morehouse	400	12.7	ALL	7	-	-	1	4	3	4	16	28	50	80	107	100	
	137		WM	1	-	-	1	2	1	1	10	14	16	33	45	13	
	117		WF	-	-	-	-	-	2	-	-	5	11	16	34	49	
	66		BM	4	-	-	-	2	1	1	1	4	12	15	14	12	
	79		BF	2	-	-	-	-	1	-	5	5	10	16	14	26	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	1	-	-	-	-	
Natchitoches	386	10.3	ALL	6	3	1	3	2	2	11	14	31	41	77	101	94	
	115		WM	3	1	-	2	-	-	2	3	7	11	30	39	17	
	138		WF	1	-	-	-	-	-	2	6	10	18	22	30	49	
	74		BM	2	2	-	1	2	2	6	1	7	8	14	17	12	
	59		BF	-	-	1	-	-	-	1	4	7	4	11	15	16	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	
Orleans	5079	11.0	ALL	72	17	11	17	44	60	178	288	429	576	920	1250	1214	3
	911		WM	8	1	-	1	3	6	12	47	80	90	177	263	223	-
	1040		WF	5	-	1	-	-	2	9	15	24	50	144	301	489	-
	1575		BM	26	10	7	11	30	38	97	153	202	261	279	313	146	2
	1515		BF	30	6	3	5	10	12	56	71	121	168	312	369	351	1
	23		OM	-	-	-	-	1	2	4	2	1	4	5	2	2	-
	15		OF	3	-	-	-	-	-	-	-	1	3	3	2	3	-

Number and Rate of Deaths by Race, Sex, Age Group, and Parish Louisiana, 1999																	
Parish	Total	Rate*	Race Sex	Age in Years													
				LT	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK.
Ouachita	1333	9.0	ALL	24	-	1	3	9	18	34	49	96	161	245	351	342	-
	412		WM	5	-	1	1	4	6	10	15	37	61	93	114	65	-
	499		WF	6	-	-	-	3	3	6	9	17	46	75	159	175	-
	194		BM	7	-	-	1	2	7	11	13	32	29	37	28	27	-
	227		BF	6	-	-	1	-	2	7	12	10	25	40	49	75	-
	1		OM	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plaquemines	215	8.4	ALL	-	-	-	1	7	3	5	11	13	35	60	51	29	-
	82		WM	-	-	-	1	3	1	1	4	6	11	20	26	9	-
	72		WF	-	-	-	-	1	1	1	1	2	12	21	17	16	-
	33		BM	-	-	-	-	1	1	2	3	2	8	12	3	1	-
	25		BF	-	-	-	-	2	-	1	2	2	4	7	4	3	-
	2		OM	-	-	-	-	-	-	-	1	1	-	-	-	-	-
	1		OF	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Pointe Coupee	236	10.2	ALL	4	-	1	-	3	5	3	16	14	25	47	64	54	-
	62		WM	-	-	1	-	1	2	-	4	4	9	18	13	10	-
	71		WF	1	-	-	-	-	1	-	3	2	1	14	27	22	-
	59		BM	3	-	-	-	2	1	3	6	5	12	10	11	6	-
	44		BF	-	-	-	-	-	1	-	3	3	3	5	13	16	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rapides	1311	10.2	ALL	17	1	1	6	10	11	27	48	82	146	259	371	332	-
	463		WM	1	1	-	1	5	4	13	12	30	56	113	151	76	-
	470		WF	1	-	1	2	3	2	5	13	19	43	66	141	174	-
	176		BM	9	-	-	1	1	4	7	12	16	21	48	32	25	-
	198		BF	6	-	-	2	-	1	2	11	17	26	31	46	56	-
	2		OM	-	-	-	-	-	-	-	-	-	-	1	1	-	-
	2		OF	-	-	-	-	1	-	-	-	-	-	-	-	1	-
Red River	97	10.0	ALL	3	-	-	1	-	1	3	1	7	10	14	26	31	-
	31		WM	-	-	-	-	-	-	1	-	1	2	7	10	10	-
	42		WF	2	-	-	-	-	-	1	-	3	2	5	11	18	-
	11		BM	1	-	-	-	-	-	1	-	2	5	-	2	-	-
	12		BF	-	-	-	1	-	1	-	1	1	-	2	3	3	-
	1		OM	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Richland	264	12.7	ALL	9	-	-	1	1	3	-	6	14	40	38	70	82	-
	86		WM	2	-	-	-	1	1	-	2	7	17	15	23	18	-
	93		WF	-	-	-	1	-	-	-	-	1	11	10	31	39	-
	47		BM	4	-	-	-	-	-	3	6	9	6	9	9	10	-
	36		BF	3	-	-	-	-	2	-	1	-	3	6	7	14	-
	1		OM	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	1		OF	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Sabine	278	12.0	ALL	7	2	-	1	2	4	7	10	21	29	59	62	74	-
	128		WM	3	-	-	1	2	2	4	5	10	20	30	27	24	-
	97		WF	2	-	-	-	-	-	-	1	6	6	19	25	38	-
	29		BM	1	1	-	-	-	2	1	2	4	1	4	8	5	-
	24		BF	1	1	-	-	-	-	2	2	1	2	6	2	7	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Bernard	737	11.0	ALL	6	2	-	1	3	10	11	32	39	85	172	230	146	-
	343		WM	2	-	-	1	1	8	4	20	15	43	84	111	54	-
	349		WF	3	2	-	-	1	1	5	8	16	35	77	111	90	-
	24		BM	1	-	-	-	1	1	2	2	5	4	5	3	-	-
	16		BF	-	-	-	-	-	-	2	3	2	4	3	2	-	-
	2		OM	-	-	-	-	-	-	-	-	1	-	1	-	-	-
	3		OF	-	-	-	-	-	-	-	-	-	2	1	-	-	-



Number and Rate of Deaths by Race, Sex, Age Group, and Parish Louisiana, 1999																		
Parish	Total	Rate*	Race Sex	Age in Years														
				LT	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK.	
St. Charles	334	7.0	ALL	1	1	1	-	-	3	4	16	39	43	83	87	56	-	
	125		WM	-	1	-	-	-	2	1	7	13	14	36	36	15	-	
	111		WF	-	-	-	-	-	1	1	3	10	14	23	28	31	-	
	42		BM	-	-	-	-	-	-	1	4	7	8	12	6	4	-	
	56		BF	1	-	1	-	-	-	1	2	9	7	12	17	6	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Helena	106	11.8	ALL	-	-	-	1	1	-	1	3	9	15	22	33	21	-	
	22		WM	-	-	-	-	-	-	1	-	1	2	8	7	3	-	
	37		WF	-	-	-	-	-	-	-	-	2	2	5	14	14	-	
	33		BM	-	-	-	1	1	-	-	3	3	8	8	6	3	-	
	14		BF	-	-	-	-	-	-	-	-	3	3	1	6	1	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. James	171	8.0	ALL	2	1	2	2	1	-	6	8	11	23	36	44	35	-	
	47		WM	-	-	-	1	-	-	2	2	1	3	8	16	14	-	
	48		WF	-	1	1	-	-	-	2	1	3	4	8	14	14	-	
	37		BM	-	-	-	1	-	-	1	3	4	6	11	5	6	-	
	39		BF	2	-	1	-	1	-	1	2	3	10	9	9	1	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. John	319	7.7	ALL	3	3	-	-	4	6	9	20	21	42	67	82	62	-	
	91		WM	-	1	-	-	1	-	4	6	5	20	20	26	8	-	
	103		WF	-	-	-	-	1	-	4	7	2	6	24	27	32	-	
	59		BM	2	1	-	-	2	6	-	3	6	9	11	13	6	-	
	66		BF	1	1	-	-	-	-	1	4	8	7	12	16	16	-	
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Landry	901	10.8	ALL	19	2	-	6	12	14	13	50	69	105	169	233	209	-	
	286		WM	4	-	-	3	6	5	10	16	12	37	81	64	48	-	
	277		WF	2	-	-	1	2	2	-	4	14	30	41	82	99	-	
	173		BM	9	2	-	1	2	4	2	16	25	18	24	41	29	-	
	164		BF	4	-	-	1	2	3	1	14	18	19	23	46	33	-	
	1		OM	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Martin	367	7.7	ALL	10	1	1	1	4	6	10	11	33	44	75	96	75	-	
	128		WM	2	-	-	-	2	1	5	3	13	15	30	40	17	-	
	126		WF	-	-	-	-	2	1	1	2	8	9	28	33	42	-	
	57		BM	4	-	-	1	-	2	3	5	5	10	8	15	4	-	
	55		BF	4	1	1	-	-	2	1	1	7	10	9	8	11	-	
	1		OM	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St. Mary	496	8.7	ALL	9	5	-	-	4	4	16	26	35	60	103	129	104	1	
	174		WM	1	1	-	-	2	-	6	8	16	22	44	44	29	1	
	170		WF	2	1	-	-	2	1	1	5	10	12	31	53	52	-	
	79		BM	4	2	-	-	-	3	6	7	5	14	15	15	8	-	
	69		BF	2	1	-	-	-	3	6	4	10	13	17	17	13	-	
	3		OM	-	-	-	-	-	-	-	-	2	-	-	1	-	-	
	1		OF	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
St. Tammany	1371	7.3	ALL	21	5	3	3	9	11	26	62	102	165	281	392	291	-	
	611		WM	10	2	-	2	5	8	16	34	52	80	148	177	77	-	
	598		WF	4	-	-	-	2	2	6	17	36	47	114	173	197	-	
	91		BM	5	1	3	-	2	1	3	9	7	23	11	18	8	-	
	65		BF	2	2	-	1	-	-	1	6	13	8	23	9	-	-	
	4		OM	-	-	-	-	-	-	1	1	1	1	1	1	-	-	
	2		OF	-	-	-	-	-	-	1	-	-	1	-	-	-	-	

Number and Rate of Deaths by Race, Sex, Age Group, and Parish Louisiana, 1999																		
Parish	Total	Rate*	Race Sex	Age in Years														
				LT	1-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	84	85+	UNK.
Tangipahoa	946	9.8	ALL	12	6	2	1	3	11	29	50	73	108	195	252	204	-	-
	323		WM	1	1	-	1	1	7	15	15	25	34	82	93	48	-	-
	360		WF	1	2	-	-	-	-	2	14	20	32	60	103	126	-	-
	134		BM	5	2	2	-	2	2	8	14	16	25	30	19	9	-	-
	127		BF	5	1	-	-	-	2	4	6	12	17	23	36	21	-	-
	1		OM	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	1		OF	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Tensas	71	11.2	ALL	1	-	-	-	-	-	3	-	7	7	16	24	13	-	-
	13		WM	1	-	-	-	-	-	1	-	1	-	3	5	2	-	-
	15		WF	-	-	-	-	-	-	-	-	1	2	4	5	3	-	-
	17		BM	-	-	-	-	-	-	2	-	4	2	3	4	2	-	-
	26		BF	-	-	-	-	-	-	-	-	1	3	6	10	6	-	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Terrebonne	813	7.8	ALL	21	1	2	5	5	10	16	43	71	116	159	222	142	-	-
	348		WM	3	-	1	2	4	8	8	28	38	52	69	91	44	-	-
	300		WF	4	-	1	-	-	1	6	5	14	45	53	93	78	-	-
	85		BM	10	-	-	2	1	1	2	7	10	13	17	18	4	-	-
	62		BF	3	1	-	-	-	-	-	1	8	5	14	18	12	-	-
	4		OM	-	-	-	-	-	-	-	-	-	3	1	-	-	-	-
	14		OF	1	-	-	1	-	-	2	1	1	3	1	4	-	-	-
Union	249	11.2	ALL	3	1	3	5	6	2	2	9	13	23	44	71	67	-	-
	80		WM	-	-	-	2	2	-	2	5	5	6	17	24	17	-	-
	96		WF	-	-	-	1	2	1	-	2	4	8	13	30	35	-	-
	39		BM	3	-	1	1	1	1	-	1	1	6	9	11	4	-	-
	34		BF	-	1	2	1	1	-	-	1	3	3	5	6	11	-	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermilion	487	9.4	ALL	7	-	1	-	6	5	10	15	30	58	81	132	142	-	-
	215		WM	3	-	1	-	2	3	7	7	19	36	38	65	34	-	-
	210		WF	2	-	-	-	1	-	1	4	10	13	30	52	97	-	-
	35		BM	1	-	-	-	3	2	2	3	1	6	8	7	2	-	-
	23		BF	-	-	-	-	-	-	-	1	-	2	5	8	7	-	-
	1		OM	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3		OF	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-
Vernon	339	7.1	ALL	4	-	2	2	4	6	6	11	19	59	73	80	73	-	-
	163		WM	1	-	-	1	3	6	3	7	12	30	35	42	23	-	-
	152		WF	-	-	2	1	-	-	1	3	6	26	32	35	46	-	-
	9		BM	1	-	-	-	1	-	-	1	1	-	3	1	1	-	-
	15		BF	2	-	-	-	-	-	2	-	-	3	3	2	3	-	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Washington	535	12.0	ALL	7	1	1	2	3	6	8	27	39	62	108	149	122	-	-
	169		WM	1	-	-	2	1	2	5	11	9	25	38	45	30	-	-
	205		WF	2	1	1	-	1	1	2	6	8	17	35	72	59	-	-
	92		BM	4	-	-	-	1	3	1	7	14	14	17	17	14	-	-
	69		BF	-	-	-	-	-	-	3	8	6	18	15	19	-	-	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Webster	570	13.3	ALL	8	-	1	3	3	3	7	13	40	60	99	176	157	-	-
	204		WM	3	-	-	2	-	3	2	3	16	21	39	69	46	-	-
	186		WF	1	-	-	-	1	-	2	3	6	17	27	69	60	-	-
	81		BM	4	-	-	-	2	-	-	4	9	10	19	17	16	-	-
	99		BF	-	-	1	1	-	-	3	3	9	12	14	21	35	-	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Number and Rate of Deaths by Race, Sex, Age Group, and Parish Louisiana, 1999																
Parish	Total	Rate*	Race Sex	Age in Years												
				LT	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+ UNK.
W. Baton Rouge	178	8.7	ALL	3	-	-	-	-	1	4	11	23	24	46	35	31
	47		WM	-	-	-	-	-	-	2	-	7	8	15	8	7
	46		WF	-	-	-	-	-	-	1	3	4	6	12	9	11
	48		BM	3	-	-	-	-	-	7	7	6	12	9	4	-
	37		BF	-	-	-	-	-	1	1	1	5	4	7	9	9
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-
West Carroll	163	13.4	ALL	-	1	-	-	-	-	2	8	12	12	25	53	50
	73		WM	-	1	-	-	-	-	2	7	6	7	13	19	18
	68		WF	-	-	-	-	-	-	-	1	3	2	9	30	23
	10		BM	-	-	-	-	-	-	-	2	3	-	1	4	-
	12		BF	-	-	-	-	-	-	-	1	-	3	3	5	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-
W. Feliciana	79	5.8	ALL	-	-	1	-	1	3	2	8	15	9	12	15	13
	26		WM	-	-	1	-	1	3	1	2	6	2	2	7	1
	17		WF	-	-	-	-	-	-	1	2	3	3	4	4	-
	25		BM	-	-	-	-	-	-	1	5	7	3	5	2	2
	11		BF	-	-	-	-	-	-	-	-	1	2	2	6	-
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-
Winn	208	12.0	ALL	3	-	-	-	1	-	9	9	13	22	38	62	51
	71		WM	-	-	-	-	-	-	4	3	3	7	22	21	11
	81		WF	-	-	-	-	1	-	1	4	4	8	9	34	20
	30		BM	2	-	-	-	-	-	4	-	5	4	5	2	8
	26		BF	1	-	-	-	-	-	-	2	1	3	2	5	12
	-		OM	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		OF	-	-	-	-	-	-	-	-	-	-	-	-	-

*Rate per 1,000 population

Source: Louisiana State Center for Health Statistics (final 1999 data)

Age-Adjusted Mortality Rate for Total Deaths

The age-adjusted death rate from all causes for Louisiana in 1999 was 1034.3 per 100,000 2000 U.S. standard population. It is important to note that the procedure used to calculate age-adjusted death rates was extensively revised beginning with 1999 deaths. Because of this revision, Louisiana's 1999 age-adjusted death rate appears to be drastically higher than the 1998 rate, i.e., 576.3 per 100,000 population in 1998 (as reported in the 'Neighboring State' comparison table at the beginning of this section) versus 1034.3 per 100,000 population in 1999. This large increase is an artifact of the changes in the rate calculation methodology.

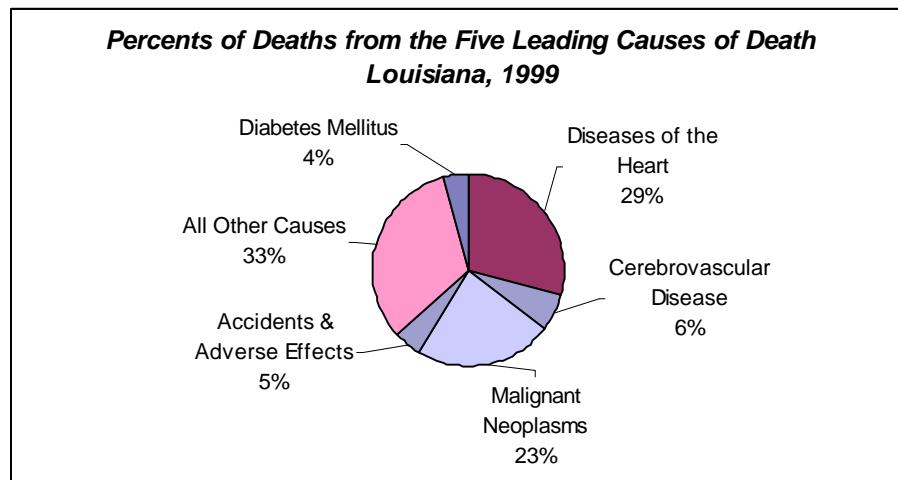


Leading Causes of Death

Beginning with deaths occurring in 1999, the United States has adopted the World Health Organization's tenth revision of the International Classification of Diseases (ICD-10) guidelines for coding cause of death information recorded on death certificates. Because ICD-10 incorporates changes in the way causes of death are grouped to produce cause-of-death statistics, death statistics generated under ICD-9 (1979-1998) and ICD-10 might not be comparable for some causes of death. It is important to be aware of these potential comparability issues when viewing and evaluating changes in death rates over time.

Although this year's *Health Report Card* is reporting 1999 Louisiana final mortality statistics for leading causes of death, 1999 national-level mortality statistics for leading causes of death have not yet been published by the National Center for Health Statistics. Therefore, 1998 national final mortality statistics are being presented in this year's *Health Report Card* discussion of deaths from specific causes.

Of the total 40,976 deaths to Louisiana residents in 1999, the leading causes of death were (in order) diseases of the heart, malignant neoplasms (cancer), cerebrovascular disease (stroke), accidents, and diabetes, as displayed in the figure below. Sixty-seven percent of all deaths in Louisiana in 1999 are attributable to these five causes.



Source: Louisiana State Center for Health Statistics (final 1999 data)

The top four causes - diseases of the heart, malignant neoplasms, cerebrovascular disease, and accidents - together account for 63% of total deaths. Little variation was observed between their 1999 and 1998 crude death rates. In fact, these top four causes have consistently been the leading causes of death in Louisiana for the past twenty years, though the rankings may have changed. The fifth-ranked cause has varied among diabetes, chronic obstructive pulmonary disease (COPD), and influenza and pneumonia. When comparing Louisiana (1999 final data) to the nation as a whole (1998 final data), the three leading causes of death in the state are identical to those of the nation. However, diabetes is a more serious problem in the state (5th) than on the national level (7th), and accidents are ranked higher in Louisiana (4th) than nationally (5th).

Although the last two decades have seen a dramatic downward trend in diseases of the heart, Louisiana's number one cause of death, the 1999 crude death rate of 273.2 deaths per 100,000 population was slightly higher than the 1998 rate of 270.8. When we look beyond the top five causes of death in Louisiana in 1999, we find chronic lower respiratory diseases; influenza and



pneumonia; nephritis, nephrotic syndrome, and nephrosis; septicemia; Alzheimer's disease; suicide; and homicide rounding out the top twelve causes of death in the state.

The age-adjusted death rates for the leading causes of death in Louisiana were determined by ranking the crude death rates from the highest to lowest and then adjusting these rates (in the same order) for age.

The top five cause-specific, age-adjusted death rates for Louisiana in 1999 were the same as in 1998:

- Diseases of the heart
- Cancer
- Cerebrovascular disease
- Accidents and adverse effects
- Diabetes mellitus

Because of the aforementioned changes in death classifications and in the age-adjustment procedure, the U.S. National Center for Health Statistics has not yet released 1999 national mortality statistics. Therefore, no comparisons between Louisiana and national mortality data are being presented in this year's *Health Report Card*.

Age-Adjusted Mortality Rates* for the Top Ten Causes of Death Louisiana, 1999		
Rank**	Cause of Death	Age-Adjusted Death Rate
-	All Causes	1034.3
1	Diseases of the Heart	306.6
2	Malignant Neoplasms	232.8
3	Cerebrovascular Disease	69.1
4	Accidents	44.6
5	Diabetes Mellitus	42.4
6	Chronic Lower Respiratory Diseases	40.8
7	Influenza and Pneumonia	25.9
8	Nephritis, Nephrotic Syndrome, and Nephrosis	23.4
9	Septicemia	18.2
10	Alzheimer's Disease	18.4

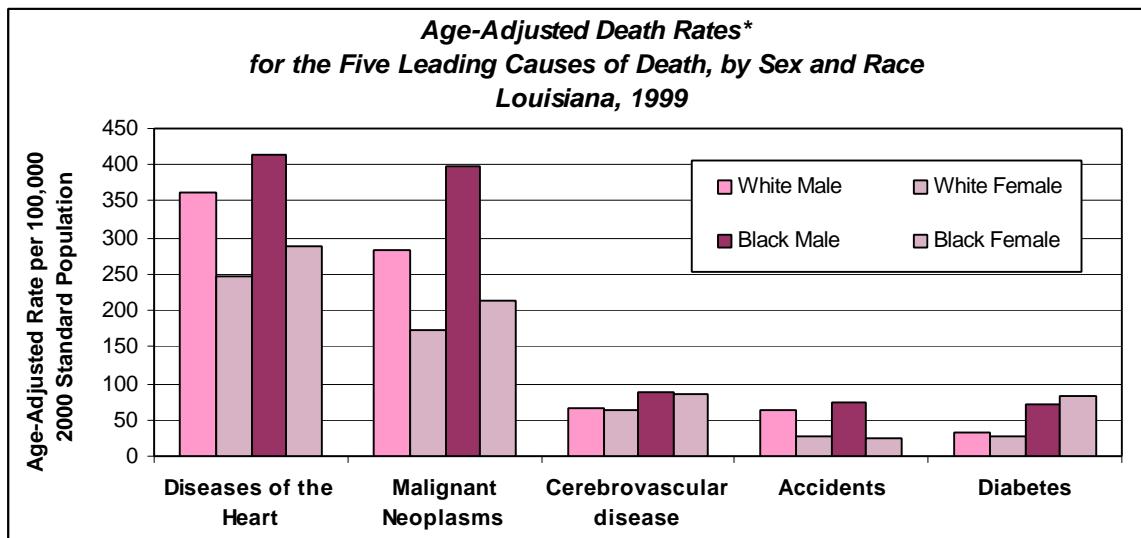
*Rate per 100,000 2000 U.S. standard population

**Causes of death are ranked based on crude death rates before adjusting for age

Source: Louisiana State Center for Health Statistics (final 1999 data)

The following chart illustrates the use of age-adjusted mortality rates when comparing mortality in different population groups. This chart displays age-adjusted mortality rates for the five leading causes of death in Louisiana in 1999.

The age-adjusted rates show that males, particularly black males, are at higher risk than females for death from heart disease, cancer, and accidents. Blacks are at higher risk than whites for death from diabetes and cerebrovascular disease.



*Rate per 100,000 2000 U.S. standard population
Source: Louisiana State Center for Health Statistics

The following table lists age-adjusted mortality rates for the four major race-sex groups in 1999.

Age-Adjusted Death Rates* for Selected Causes of Mortality by Race and Sex Louisiana, 1999	
Cause of Death/Race/Sex	1999
Diseases of the Heart	306.6
White Male	361.6
White Female	246.1
Black Male	414.1
Black Female	289.3
Malignant Neoplasm	232.8
White Male	282.5
White Female	173.3
Black Male	398.0
Black Female	215.0
Cerebrovascular Diseases	69.1
White Male	64.6
White Female	62.2
Black Male	86.8
Black Female	86.4
Accidents	44.6
White Male	63.5
White Female	26.8
Black Male	73.0
Black Female	24.2



***Age-Adjusted Death Rates* for Selected Causes of Mortality
by Race and Sex
Louisiana, 1999***

<i>Cause of Death/Race/Sex</i>	<i>1999</i>
Diabetes	42.4
White Male	33.3
White Female	28.2
Black Male	71.3
Black Female	83.4
Chronic Lower Respiratory Diseases	40.8
White Male	55.9
White Female	37.1
Black Male	50.7
Black Female	18.7
Influenza and Pneumonia	25.9
White Male	30.1
White Female	23.0
Black Male	34.0
Black Female	23.4
Nephritis, Nephrotic Syndrome and Nephrosis	23.4
White Male	24.4
White Female	16.7
Black Male	40.8
Black Female	33.1
Septicemia	18.2
White Male	14.9
White Female	13.5
Black Male	33.9
Black Female	29.9
Alzheimer's Disease	18.4
White Male	18.6
White Female	21.4
Black Male	10.0
Black Female	12.2
Suicide	12.0
White Male	24.7
White Female	5.6
Black Male	12.0
Black Female	1.7
Homicide	10.7
White Male	5.5
White Female	2.8
Black Male	43.2
Black Female	8.3

*Rate per 100,000 2000 U.S. standard population

Source: Louisiana State Center for Health Statistics



Infant Deaths

Overview

Infant mortality encompasses all deaths that occur within the first year of life and excludes fetal deaths (miscarriages and abortions). This measure can be a significant predictor of the health status of a particular area, population, or nation, since it is associated with many factors, such as socioeconomic status and access to health care.

There are several measures used to describe mortality in this age group. While infant mortality measures deaths during the first year, neonatal mortality describes deaths occurring through the first 27 days after birth. Other measures include post-neonatal mortality (deaths occurring from 28 days to one year after birth), hebdomadal mortality (deaths occurring during the first seven days after birth), and perinatal mortality (fetal deaths plus deaths occurring during the first seven days after birth).

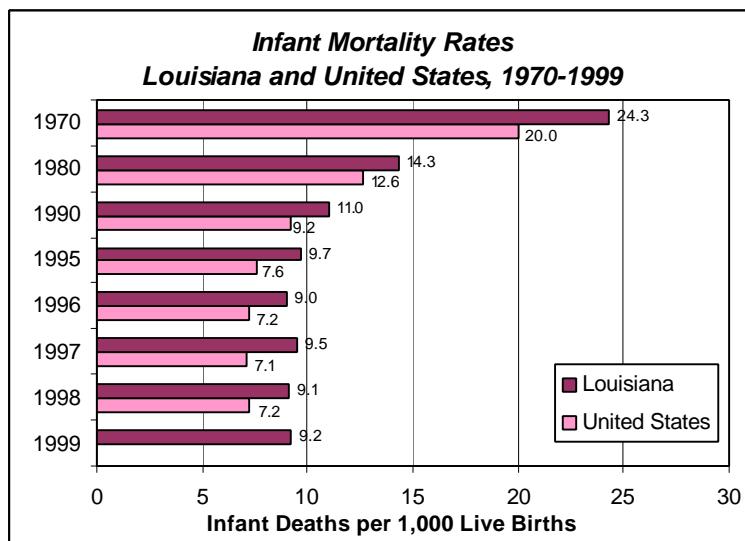
Infant Mortality Rates* by Race of Child Louisiana, 1999						
Race	Number of Deaths	Infant Mortality Rate	Neonatal Mortality Rate	Post-Neonatal Mortality Rate	Hebdomadal Mortality Rate	Perinatal Mortality Rate
Total	618	9.2	5.8	3.4	4.5	12.6
White	227	5.9	3.7	2.2	2.7	8.8
Black	385	14.1	9.1	5.1	7.2	18.2
Other	6	4.1	1.4	2.8	0.7	8.9

*All rates, except perinatal, are per 1,000 live births. Perinatal rates are per 1,000 stillbirths + live births

Source: Louisiana State Center for Health Statistics (final 1999 data)

Infant Mortality

Infant mortality is defined as death during the first year of life. This measure excludes fetal deaths (abortions and miscarriages). In 1999 in the state of Louisiana, there were 618 deaths to children under one year of age. The infant mortality rate is defined as the number of deaths within the first year of life per 1,000 live births. As shown in the figure below, the infant mortality rate dropped steadily until the mid 1990s, at which point it reached a plateau. The greatest drop occurred between 1970 and 1980, a 41% reduction. Since 1990, the infant mortality rate has



Source: Louisiana State Center for Health Statistics
National Center for Health Statistics



seen an overall decline of 16%, from 11.0 deaths per 1000 live births in 1990 to 9.2 in 1999.

While the trend in Louisiana reflects a decline in infant mortality rates over the past several decades, the rate is still high compared with the national infant mortality rate. The state mortality rate has been at least 20% greater than the national rate since 1992. In both 1997 and 1998, the United States rate was 7.2 deaths per 1,000 live births. By international standards, even this national rate is high. In 1993, 24 other countries' infant mortality rates were lower than the United States.¹⁴

There are geographic variations in infant mortality as well. As shown in the parish-level tables that follow this section, rates range from 1.5 to 25.9, with the infant mortality rate for Franklin parish being seventeen times that of St. Charles parish.

In the table below, infant mortality rates are furnished to provide an idea of Louisiana's standing among the neighboring states. (Note: Although Louisiana's final 1999 mortality rate is available and is reported in this document, National Center for Health Statistics final 1998 mortality data for all states have been used in the table below to permit comparison with surrounding states.) While all except Texas' rate are well above the national figure, Louisiana's infant mortality rate lies in the middle of the spectrum of the neighboring state rates.

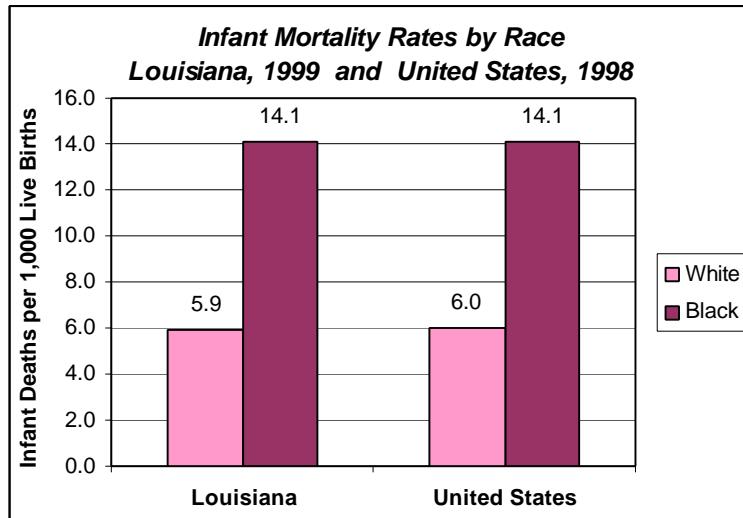
<i>Infant Mortality Rates*</i>		
<i>Louisiana, Neighboring States, and the United States, 1998</i>		
<i>State</i>	<i>Rate</i>	<i>Ranking</i>
Alabama	10.2	1
Arkansas	8.9	8
Louisiana	9.1	6
Mississippi	10.1	2
Texas	6.4	40
United States	7.2	-

*Rate per 1,000 live births

Source: National Center for Health Statistics (final 1998 data)

Infant mortality rates differ substantially by race. Though rates of infant deaths are decreasing across racial groups, children born to black mothers tend to have higher infant mortality rates than those born to white mothers. It is important to note that starting in 1989, the race of the mother is used for analyses instead of the race of the child, so race-specific infant mortality rates prior to 1989 are not comparable with more current rates. In 1999, there were 227 white, 385 black, and 6 other race deaths in Louisiana. The infant mortality rates were 5.9, 14.1, and 4.1 deaths per 1,000 race-specific live births respectively. The overall infant mortality rate for blacks is double that of whites.

¹⁴ National Center for Health Statistics. *Health, United States 1996-1997 and Injury Chartbook*. Hyattsville, Maryland, 1997.

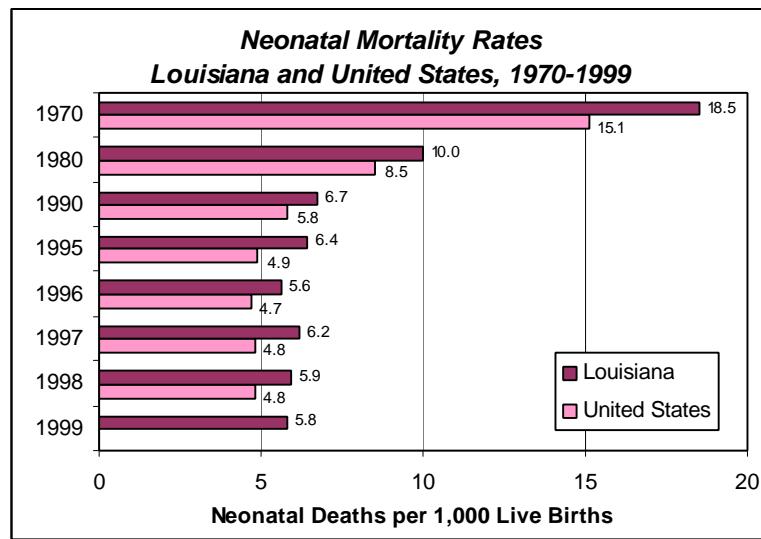


Source: Louisiana State Center for Health Statistics (final 1999 data)
National Center for Health Statistics (final 1998 data)

Neonatal Mortality

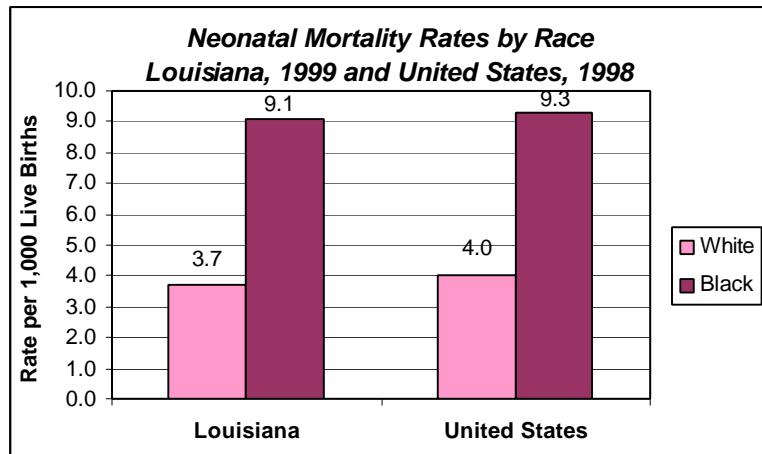
Neonatal mortality represents the period from birth through the first 27 days of life, and the neonatal mortality rate is calculated as the number of deaths during this period per 1,000 live births. In 1999, 392 neonatal deaths accounted for 63% of total infant deaths. The overall neonatal mortality rate was 5.8 per 1,000 live births. This is only slightly lower than the 1998 rate of 5.9 per 1,000 live births.

Displayed in the figure below is the pattern of neonatal mortality in Louisiana and the United States. The state rate has been decreasing, though it is still higher than the national rate.



Source: Louisiana State Center for Health Statistics
National Center for Health Statistics

Racial disparity is still observed; Louisiana's 1999 neonatal mortality rate for whites was 3.7 per 1,000 live births, while the rate for blacks was twice as high at 9.1 per 1,000 live births. While Louisiana's overall rate is higher than the national rate, the state's race-specific rates are slightly lower than those of the United States.



Source: Louisiana State Center for Health Statistics (final 1999 data)
National Center for Health Statistics (final 1998 data)

Infant Mortality by Parish and Race of Mother Louisiana, 1995-1999				
Parish	Race	1999 Number of Infant Deaths	1999 Infant Mortality Rate*	1995-1999 Infant Mortality Rate *
State	All	618	9.2	9.3
	White	227	5.9	6.2
	Black	385	14.1	13.9
	Other	6	4.1	3.8
Acadia	All	8	8.5	10.9
	White	<5	5.5	8.4
	Black	<5	18.8	18.1
	Other	-	-	-
Allen	All	<5	8.2	4.8
	White	<5	10.5	4.6
	Black	-	-	5.9
	Other	-	-	-
Ascension	All	7	5.3	8.2
	White	<5	4.1	5.7
	Black	<5	9.4	15.6
	Other	-	-	-
Assumption	All	<5	13.5	11.6
	White	<5	11.7	13.7
	Black	<5	16.3	9.0
	Other	-	-	-
Avoyelles	All	5	8.1	9.0
	White	-	-	6.4
	Black	5	22.6	13.7
	Other	-	-	-
Beauregard	All	<5	4.6	8.2
	White	<5	5.4	7.7
	Black	-	-	11.8
	Other	-	-	-



Infant Mortality by Parish and Race of Mother Louisiana, 1995-1999				
Parish	Race	1999 Number of Infant Deaths	1999 Infant Mortality Rate*	1995-1999 Infant Mortality Rate *
Bienville	All	-	-	10.1
	White	-	-	3.9
	Black	-	-	17.0
	Other	-	-	-
Bossier	All	9	6.1	7.5
	White	5	4.7	5.6
	Black	<5	10	12.9
	Other	-	-	6.6
Caddo	All	52	14.2	12.1
	White	12	7.4	6.0
	Black	40	20.3	17.5
	Other	-	-	-
Calcasieu	All	26	9.1	8.9
	White	12	6	6.7
	Black	14	17.1	14.0
	Other	-	-	7.8
Caldwell	All	-	-	4.7
	White	-	-	5.9
	Black	-	-	-
	Other	-	-	-
Cameron	All	<5	24	11.0
	White	<5	25.2	11.8
	Black	-	-	-
	Other	-	-	-
Catahoula	All	-	-	6.8
	White	-	-	6.3
	Black	-	-	7.6
	Other	-	-	-
Claiborne	All	-	-	10.4
	White	-	-	2.5
	Black	-	-	16.2
	Other	-	-	-
Concordia	All	<5	9.9	9.1
	White	<5	13.4	8.1
	Black	<5	6.7	10.1
	Other	-	-	-
Desoto	All	6	15.2	12.5
	White	<5	4.8	7.8
	Black	5	26.5	17.1
	Other	-	-	-
E Baton Rouge	All	60	9.7	11.1
	White	11	3.8	4.7
	Black	49	15.3	17.5
	Other	-	-	5.2
East Carroll	All	<5	13.3	3.7
	White	-	-	-
	Black	<5	16.7	4.8
	Other	-	-	-



<i>Infant Mortality by Parish and Race of Mother Louisiana, 1995-1999</i>				
<i>Parish</i>	<i>Race</i>	<i>1999 Number of Infant Deaths</i>	<i>1999 Infant Mortality Rate*</i>	<i>1995-1999 Infant Mortality Rate *</i>
E Feliciana	All	<5	9.5	11.7
	White	<5	18.2	10.7
	Black	-	-	12.9
	Other	-	-	-
Evangeline	All	<5	7.6	9.2
	White	<5	3	6.7
	Black	<5	15.2	13.5
	Other	-	-	-
Franklin	All	9	25.9	11.5
	White	6	29.6	11.0
	Black	<5	21	12.2
	Other	-	-	-
Grant	All	<5	7.1	8.2
	White	<5	8	7.9
	Black	-	-	10.4
	Other	-	-	-
Iberia	All	13	10.7	10.4
	White	7	9.6	7.2
	Black	6	13.4	14.8
	Other	-	-	11.7
Iberville	All	<5	4.3	8.3
	White	<5	4.6	3.9
	Black	<5	4.1	11.7
	Other	-	-	-
Jackson	All	-	-	5.0
	White	-	-	4.4
	Black	-	-	6.2
	Other	-	-	-
Jefferson	All	45	7.1	7.8
	White	16	4	5.8
	Black	29	14.7	12.9
	Other	-	-	2.2
Jeff Davis	All	<5	3.9	6.7
	White	<5	2.5	5.7
	Black	<5	8.8	10.5
	Other	-	-	-
Lafayette	All	27	9.3	9.9
	White	17	8.8	6.8
	Black	10	11	17.1
	Other	-	-	-
Lafourche	All	20	16.2	8.8
	White	12	12.8	7.8
	Black	7	27.8	13.4
	Other	<5	22.2	5.0
Lasalle	All	-	-	4.3
	White	-	-	4.9
	Black	-	-	-
	Other	-	-	-



Infant Mortality by Parish and Race of Mother Louisiana, 1995-1999					
Parish	Race	1999 Number of Infant Deaths	1999 Infant Mortality Rate*	1995-1999 Infant Mortality Rate *	
Lincoln	All	<5	5.5	9.3	
	White	<5	3.8	5.5	
	Black	<5	7.1	13.2	
	Other	-	-	-	
Livingston	All	8	5.5	7.3	
	White	5	3.7	6.0	
	Black	<5	38	24.7	
	Other	-	-	-	
Madison	All	<5	4.1	8.5	
	White	-	-	3.2	
	Black	<5	5.7	10.6	
	Other	-	-	-	
Morehouse	All	7	14.9	17.3	
	White	<5	4.7	8.4	
	Black	6	23.4	24.4	
	Other	-	-	-	
Natchitoches	All	6	10.4	10.7	
	White	<5	14.5	5.6	
	Black	<5	6.7	16.0	
	Other	-	-	-	
Orleans	All	72	9.4	9.7	
	White	13	9.2	7.3	
	Black	56	9.2	10.4	
	Other	<5	15.6	4.6	
Ouachita	All	24	11.2	9.5	
	White	11	9.8	5.4	
	Black	13	13.1	14.6	
	Other	-	-	-	
Plaquemines	All	-	-	6.5	
	White	-	-	6.8	
	Black	-	-	5.2	
	Other	-	-	10.5	
Pointe Coupee	All	<5	10.8	8.8	
	White	<5	4.8	7.8	
	Black	<5	18.8	9.8	
	Other	-	-	-	
Rapides	All	17	8.5	10.5	
	White	<5	1.7	7.0	
	Black	15	18.8	15.8	
	Other	-	-	7.6	
Red River	All	<5	21.3	7.3	
	White	<5	31.3	8.9	
	Black	<5	13.2	5.9	
	Other	-	-	-	
Richland	All	9	25	12.3	
	White	<5	10.6	10.4	
	Black	7	40.7	14.3	
	Other	-	-	-	



<i>Infant Mortality by Parish and Race of Mother Louisiana, 1995-1999</i>				
<i>Parish</i>	<i>Race</i>	<i>1999 Number of Infant Deaths</i>	<i>1999 Infant Mortality Rate*</i>	<i>1995-1999 Infant Mortality Rate *</i>
Sabine	All	7	21.9	13.2
	White	5	21.6	10.4
	Black	<5	27.8	21.6
	Other	-	-	12.3
St Bernard	All	6	7.2	4.9
	White	5	6.9	4.5
	Black	<5	11.8	10.2
	Other	-	-	-
St Charles	All	<5	1.5	5.3
	White	-	-	3.3
	Black	<5	4.6	9.8
	Other	-	-	-
St Helena	All	-	-	11.0
	White	-	-	12.3
	Black	-	-	10.1
	Other	-	-	-
St James	All	<5	6.1	11.0
	White	-	-	10.9
	Black	<5	9.2	11.1
	Other	-	-	-
St John	All	<5	4.3	8.1
	White	-	-	2.9
	Black	<5	8.2	13.8
	Other	-	-	-
St Landry	All	19	13.6	9.9
	White	6	8.7	6.1
	Black	13	18.7	13.9
	Other	-	-	-
St Martin	All	10	13.2	10.8
	White	<5	4.3	6.5
	Black	8	28.6	16.9
	Other	-	-	17.2
St Mary	All	9	10.2	7.8
	White	<5	5.7	4.2
	Black	6	19.4	14.2
	Other	-	-	-
St Tammany	All	21	7.8	6.4
	White	14	6.2	5.2
	Black	7	18.5	14.5
	Other	-	-	-
Tangipahoa	All	12	7.3	7.4
	White	<5	2.1	4.7
	Black	10	15.3	11.4
	Other	-	-	-
Tensas	All	<5	8.6	8.3
	White	<5	28.6	6.2
	Black	-	-	9.3
	Other	-	-	-



Infant Mortality by Parish and Race of Mother Louisiana, 1995-1999				
Parish	Race	1999 Number of Infant Deaths	1999 Infant Mortality Rate*	1995-1999 Infant Mortality Rate *
Terrebonne	All	21	13	10.6
	White	7	6.2	7.6
	Black	13	36.9	21.1
	Other	<5	7	6.4
Union	All	<5	8.9	14.1
	White	-	-	7.9
	Black	<5	22.1	26.1
	Other	-	-	-
Vermilion	All	7	8.4	8.5
	White	5	8	6.3
	Black	<5	5.6	16.2
	Other	<5	35.7	10.4
Vernon	All	<5	3.8	8.8
	White	<5	1.3	7.8
	Black	<5	14.9	14.5
	Other	-	-	-
Washington	All	7	10.1	11.8
	White	<5	7.1	8.9
	Black	<5	15	16.4
	Other	-	-	-
Webster	All	8	14.3	9.2
	White	<5	11.8	5.6
	Black	<5	18.3	14.1
	Other	-	-	-
W Baton Rouge	All	<5	9.7	9.1
	White	-	-	3.2
	Black	<5	23.8	16.9
	Other	-	-	-
West Carroll	All	-	-	2.6
	White	-	-	3.4
	Black	-	-	-
	Other	-	-	-
W Feliciana	All	-	-	10.2
	White	-	-	6.6
	Black	-	-	14.2
	Other	-	-	-
Winn	All	<5	13.2	10.7
	White	-	-	4.3
	Black	<5	41.7	21.6
	Other	-	-	-

*Rate per 1,000 live births. Very small numbers of deaths, such as those seen for 1999 infant mortality, result in rates that are likely to fluctuate from year to year. To create rates that are more stable, 1995-99 five-year infant mortality rates have been calculated.

Source: Louisiana State Center for Health Statistics (final 1999 data)



Injury Deaths

Almost all injury deaths are preventable. The term "injury" includes:

- a. unintentional injuries (more commonly referred to as "accidents")
- b. intentional injuries (suicides and homicides)
- c. legal intervention (law enforcement), and operations of war, and
- d. injuries in which the intent could not be determined.

The term excludes adverse effects of either medical care or therapeutic use of drugs.¹⁵

Injury is indicated as the underlying cause of death in approximately 8% of all deaths in Louisiana per year. Aggregation of three years of injury mortality data (1996-1998) indicates that the rate of firearm deaths (21.7 per 100,000 population) and motor-vehicle traffic deaths (21.0 per 100,000 population) greatly surpass death rates from all other causes of injury. The Louisiana INJURY RESEARCH AND PREVENTION SECTION utilizes injury mortality data as a foundation for program planning, development and evaluation.

<i>Number and Rate* of Injury Deaths by Cause and Intent of Injury Louisiana, 1996-1998 (N=9228)</i>													
Cause	Intent												
	Unintentional		Suicide		Homicide		Undetermined		Other		Total		
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	
Cut/pierce	4	0.0	11	0.1	220	1.7	1	0.0	0	0.0	236	1.8	
Drowning/submersion	387	3.0	28	0.2	2	0.0	23	0.2	---	---	440	3.4	
Fall	606	4.6	8	0.1	0	0.0	3	0.0	---	---	617	4.7	
Fire/Burn	295	2.3	5	0.0	10	0.1	3	0.0	---	---	313	2.4	
Firearm	110	0.8	1116	8.5	1587	12.1	22	0.2	7	0.1	2842	21.7	
Machinery	62	0.5	---	---	---	---	---	---	---	---	62	0.5	
Motor-vehicle, Traffic	2738	20.9	11	0.1	---	---	0	0.0	---	---	2749	21.0	
Pedal Cyclist,other	6	0.0	---	---	---	---	---	---	---	---	6	0.0	
Pedestrian, other	48	0.4	---	---	---	---	---	---	---	---	48	0.4	
Transport, other	116	0.9	0	0.0	---	---	0	0.0	---	---	116	0.9	
Natural,environmental	101	0.8	0	0.0	---	---	1	0.0	---	---	102	0.8	
Overexertion	0	0.0	---	---	---	---	---	---	---	---	0	0.0	
Poisoning	334	2.6	158	1.2	3	0.0	112	0.9	0	0.0	607	4.6	
Struck by, against	68	0.5	---	---	25	0.2	---	---	0	0.0	93	0.7	
Suffocation	270	2.1	179	1.4	51	0.4	0	0.0	---	---	500	3.8	
Other specified	98	0.7	2	0.0	20	0.2	0	0.0	2	0.0	122	0.9	
Other specified, not elsewhere classifiable	7	0.1	8	0.1	87	0.7	3	0.0	0	0.0	105	0.8	
Unspecified	181	1.4	6	0.0	68	0.5	15	0.1	0	0.0	270	2.1	
Total	5431	41.5	1532	11.7	2073	15.9	183	1.4	9	0.1	9228	70.6	

Source: LA Office of Public Health, Vital Statistics Electronic Files

Note: "—" Indicates category not specified by International Classification of Diseases Coding System

*Rate based on 1996 Louisiana Electronic Assistance Program(LEAP) census estimates

¹⁵ Centers for Disease Control and Prevention. "Recommended Framework for Presenting Mortality Data." MMWR (46:RR-14) 1997.

